

AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1-20 (canceled)

21. (currently amended) A method of treating B-cell lymphoma, comprising:

a) providing:

i) a subject having a B-cell lymphoma; and

ii) a multivalent ~~vaccine~~ composition for active idiotpe

immunotherapy comprising at least two recombinant heavy chain variable regions of immunoglobulin molecules derived from said ~~subjects's~~ subject's B-cell lymphoma cells, wherein said at least two recombinant heavy chain variable regions differ by at least one idiotope; and

b) administering said multivalent ~~vaccine~~ composition for active idiotpe immunotherapy to said subject.

22.(currently amended) The method of Claim 21, wherein said ~~vaccine~~ composition for active idiotpe immunotherapy comprises at least two recombinant immunoglobulin molecules comprising said recombinant heavy chain variable regions derived from said lymphoma cells.

23.(currently amended) The method of Claim 21, wherein said ~~vaccine~~ composition for active idiotpe immunotherapy further comprises an adjuvant.

24.(previously added) The method of Claim 23, wherein said adjuvant is Syntex adjuvant.

25.(previously added) The method of Claim 21, wherein at least one of said at least two recombinant heavy chain variable regions is conjugated to a carrier protein.

26.(previously added) The method of Claim 25, wherein said carrier protein is KLH.

PATENT

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27-32 (canceled)